Application No.: 10/784,591 Docket No.: YOR920010225-US2

## **AMENDMENTS TO THE CLAIMS**

This Listing of Claims will replace all prior versions and listings of claims in this application.

- 1-19 (Canceled).
- 20. (Previously presented) The thin film of claim 37, wherein said thin film comprises said nanoparticles in a range of about 50% to about 100%.
  - 21-23. (Canceled)
- 24. (Previously Presented) The thin film of claim 20, wherein said nanoparticles are composed of a perovskite-type oxide having the formula ABO<sub>3</sub>, wherein A is at least one additional cation having a positive formal charge in the range between about 1 to about 3; and wherein B is at least one acidic oxide having a metal selected from the group consisting of: Group IVB, VB, VIB, VIIB, IIIA, and IB.
  - 25-34 (Canceled).
- 35. (Previously Presented) The thin film of claim 20, wherein a percentage of said thin film comprising said nanoparticles is in a range of about 25% to about 75%.
  - 36. (Canceled).
- 37. (Currently amended) A dielectric thin film with relative dielectric constant greater than 10 comprising consisting essentially of:

a solution or dispersion of surfactant-coated nanoparticles in an organic solvent,
wherein said organic solvent is evaporated after heating and depositing said nanoparticles
on a substrate to form said dielectric thin film,

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having wherein said nanoparticles have a diameter size in [the] a range between 2 nm and about 20 nm[;], and a crystalline structure having a relatively narrow grain-sized distribution,

wherein said narrow grain-sized distribution has a standard deviation selected from the group consisting of: less than 15%, less than 10% and less than 5%.

38-49 (Canceled).

- 50. (Previously Presented) The thin film of claim 20, wherein a percentage of said thin film comprising said nanoparticles is in a range of about 50% to about 60%.
- 51. (Previously Presented) The thin film of claim 20, wherein a percentage of said thin film comprising said nanoparticles is in a range of about 90% to about 100%.
  - 52. (Canceled).
- 53. (New) The thin film of claim 37, wherein said surfactant is removed after said heating.
- 54. (New) The thin film of claim 37, wherein said surfactant is an organic surfactant selected from compounds having an end functional group consisting of -COO-, -CON-, -CN, -NC, -S-, -O-, -N-, or -P-; and mixtures thereof.
- 55. (New) The thin film of claim 37, wherein said solvent is selected from the group consisting of water, an alcohol, an alkane, an arene, a chlorinated solvent, and a compound having the end functional group unit comprising -COO-, -CON-, -CN, -NC, -S-, -O-, -N-, or -P-; and mixtures thereof.